

DATA & APPLICATIONS ONLINE

FIRMS - Fire Information For Resource Management System

Overview

The NASA Fire Information for Resource Management System (FIRMS) delivers global Terra and Aqua Moderate Resolution Imaging Spectroradiometer (MODIS) and Suomi- NPP and NOAA-20 Visible Infrared Imaging Radiometer Suite (VIIRS) hotspots/ fire locations in easy-to-use formats. The active fire locations represent the center of 1km (MODIS) and 375m (VIIRS) pixels that are flagged by NASA's Fire and Thermal Anomalies algorithms as containing one or more hotspots/fires within the pixels.

Key Features

- The FIRMS Fire Map allows for advanced filtering of the hotspots/active fire data, to include the confidence value and fire radiative power (FRP).
- Free near real-time email alerts of hotspots/fires for user specified area of interest. These alerts are also available as daily or weekly summaries.
- Near real-time data for the last 24, 48 hours and 7 days can be downloaded as a shapefile, KML, WMS or text file formats.
- Download older MODIS and VIIRS fire data using the Archive Download Tool.
- Mobile-friendly interface

Access:

<https://earthdata.nasa.gov/firms>

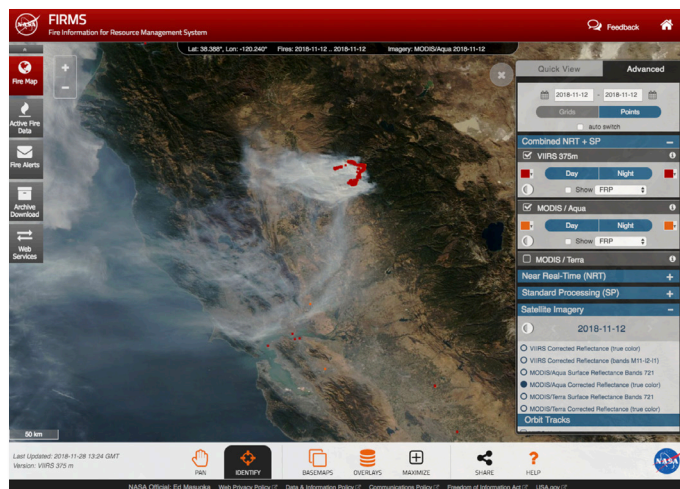
Tutorials/Webinars:

Discover NASA's Fire Information for Resource Management System (FIRMS)

<https://youtu.be/OfPVmnY6pBs>

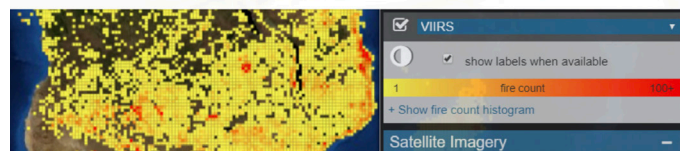
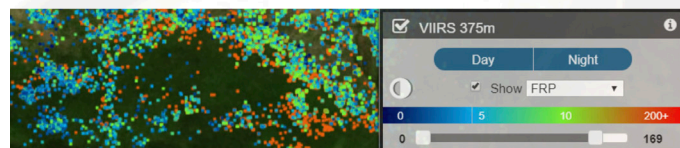
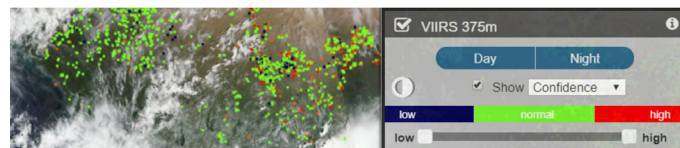
Frequently Access Questions:

<https://earthdata.nasa.gov/faq/firms-faq>



Camp Fire, California

Direct Link: <https://go.nasa.gov/2Q3Rtii>



FIRMS is a component of the NASA Earth Observing System Data and Information System (EOSDIS).



EOSDIS

NASA's EOSDIS provides end-to-end management of NASA's Earth science data as part of NASA's Earth Science Data Systems Program. Discipline specific EOSDIS Distributed Active Archive Centers (DAACs), archive, manage and distribute the data, while also providing product generation, data customization, and user support services. EOSDIS is managed by NASA's Earth Science Data and Information System (ESDIS) Project

To learn more about NASA EOSDIS data, information, services, and tools, go to earthdata.nasa.gov.